

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION III  
1650 Arch Street  
Philadelphia, Pennsylvania 19103-2029

**SUBJECT:** Toxicological Review of HW64 Data 19 July 2012  
Dimock, PA

**FROM:** Dawn A. Ioven, toxicologist  
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**TO:** Rich Fetzer, OSC  
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On 22 May 2012, U.S. EPA collected samples from HW64 in Dimock. These samples were collected from the wellhead and tap, and analyzed for a suite of constituents, including volatile compounds, semi-volatiles, inorganics, radionuclides and bacteria. The analytical results were then validated and compared to risk-based screening levels and/or standards for public drinking water supplies.

**Coliform Bacteria**

In HW64, the total coliform count was 200 cfu/100 mL. The purpose of analyzing for total coliform is to indicate the potential presence of fecal coliform, which is an illness-causing member of the coliform family. The presence of fecal coliform could cause severe gastrointestinal illness in exposed individuals. In HW64, fecal coliform was present in a wellhead sample at 8 cfu/100 mL (unfiltered), but absent in the tap sample.

No other constituents were detected at levels of concern in HW64.



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